

FIG. 1

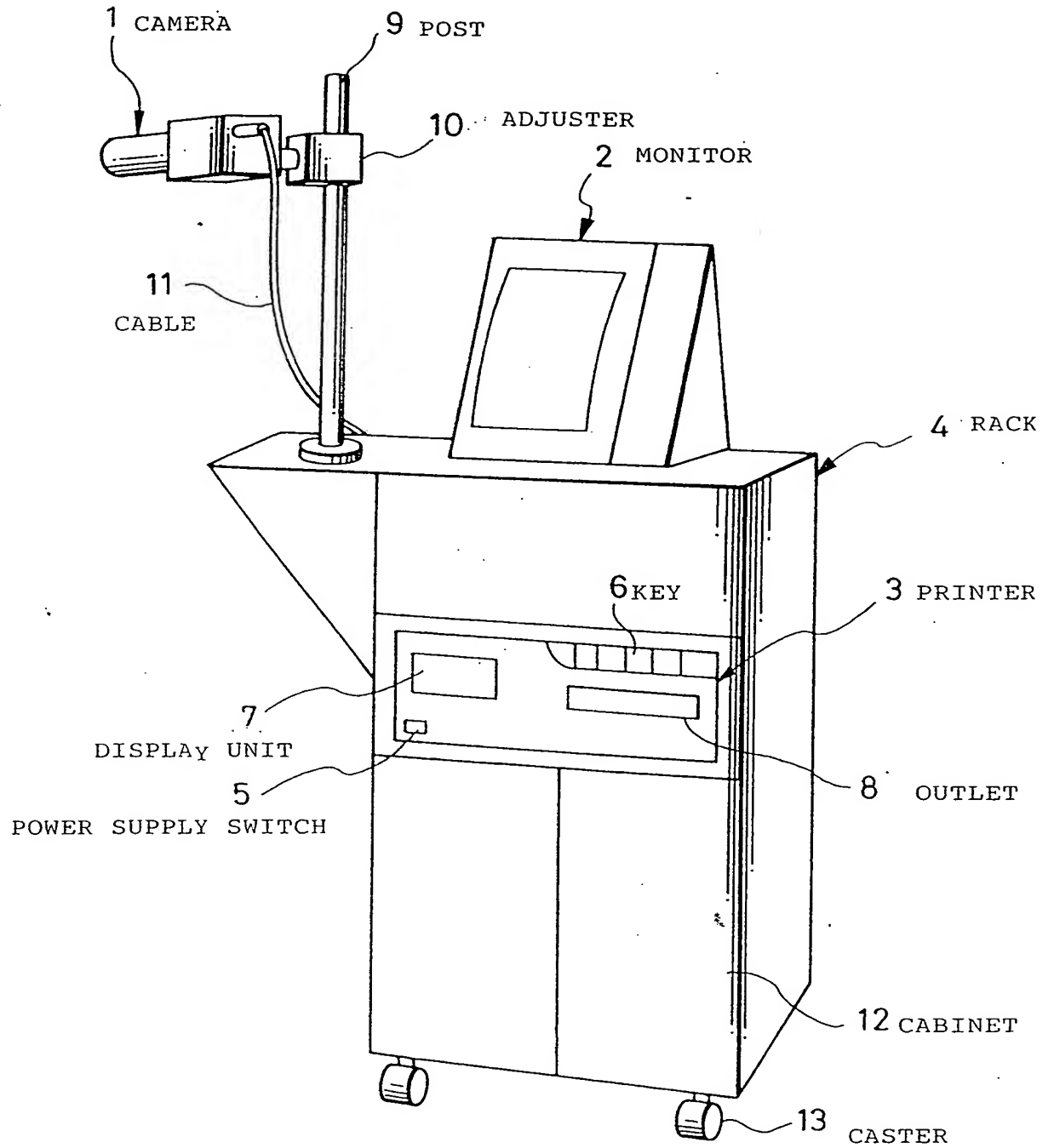


FIG. 2

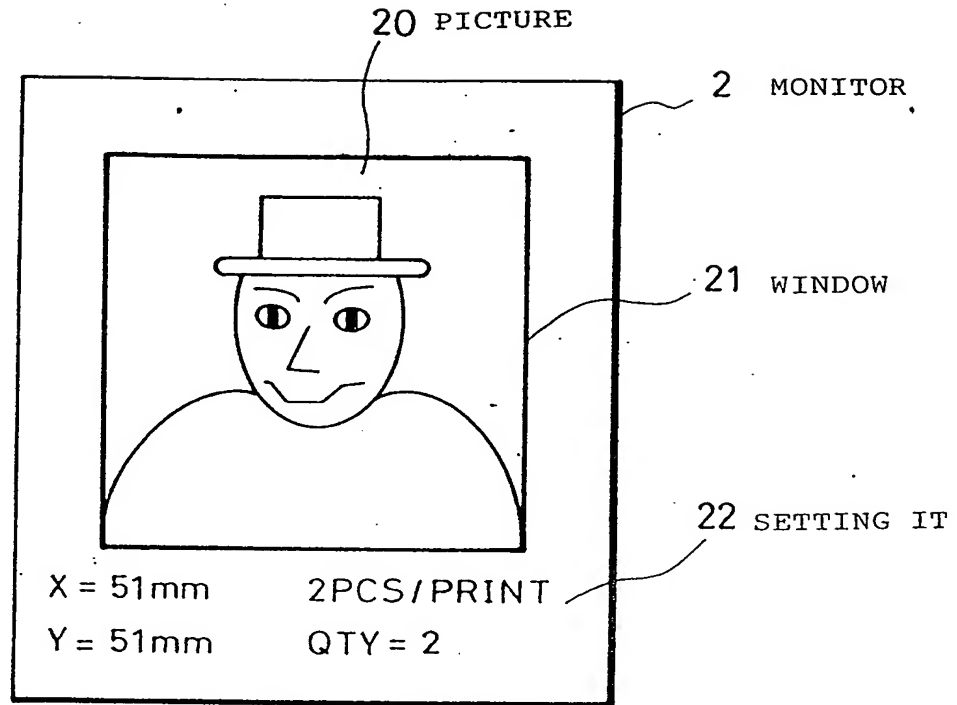
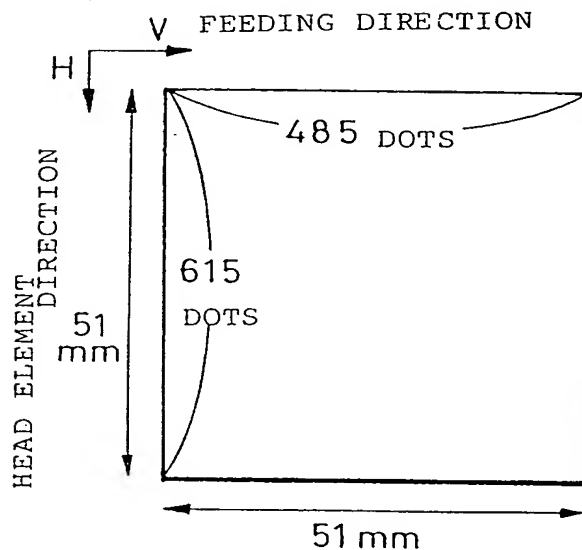


FIG. 4



NUMBER OF H-DIRECTION DOTS

$$51\text{mm}/0.083 = 615 \text{ DOTS}$$

MECHANICAL FEED PITCH IN V DIRECTION

$$51\text{mm}/485 = 0.10515 \text{ mm}$$

H-DIRECTION ACTIVE SCREEN AREA

$$52.655\mu\text{sec} \times \frac{3}{4} = 39.5\mu\text{sec}$$

H-DIRECRION SAMPLING FREQUENCY

$$39.5\mu\text{sec}/615 = 15.573070 \text{ MHz}$$

FIG. 3

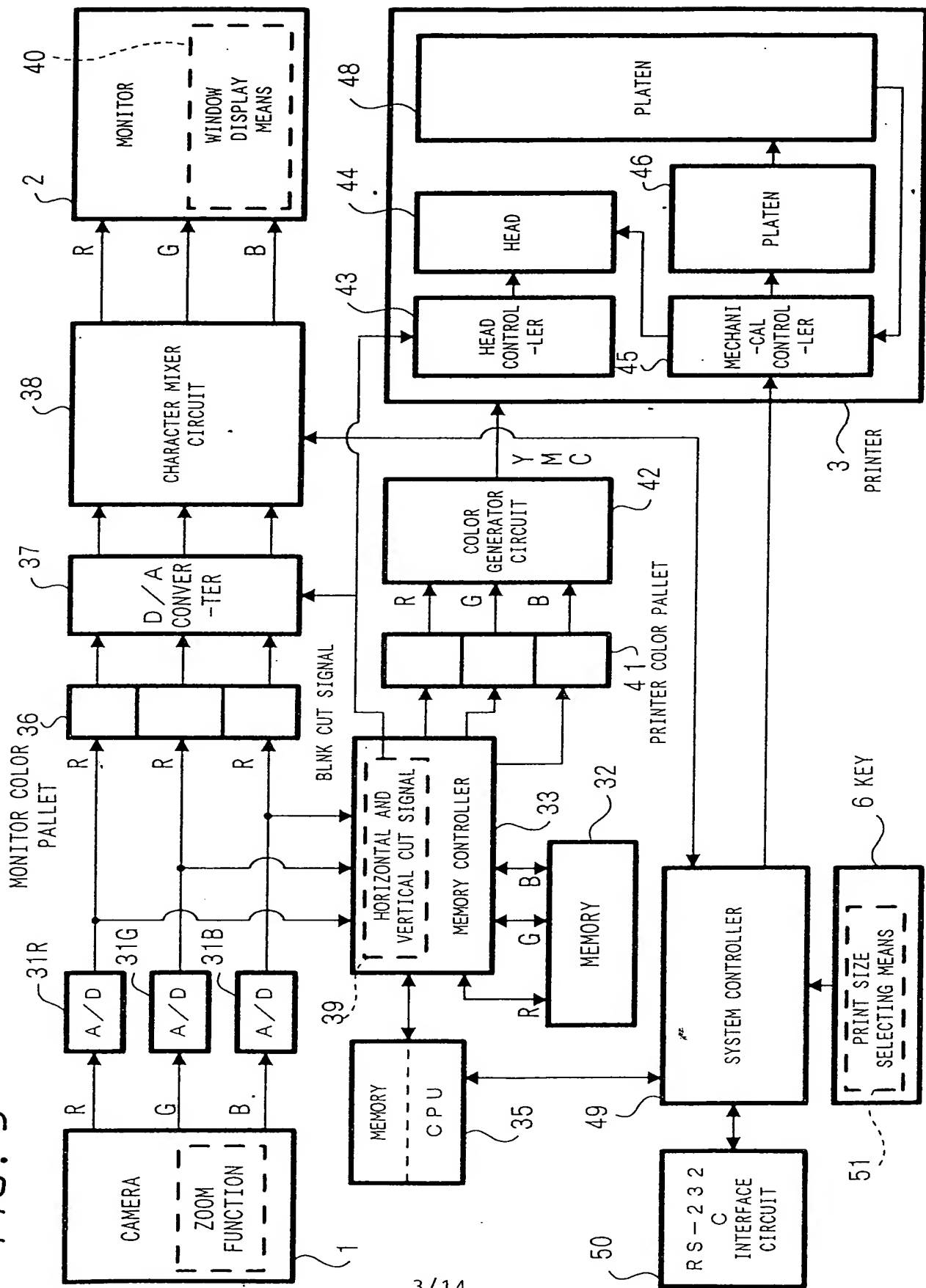
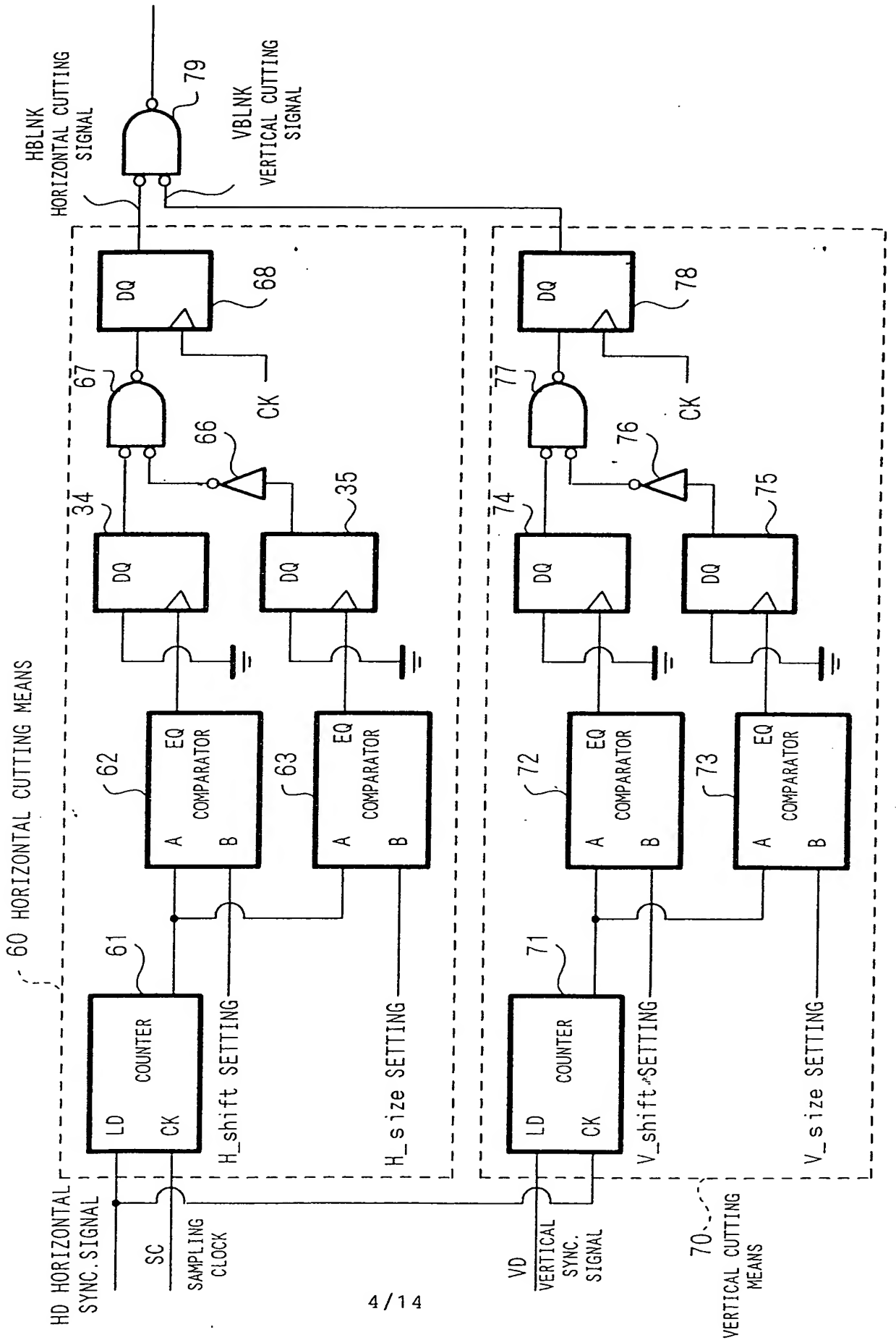
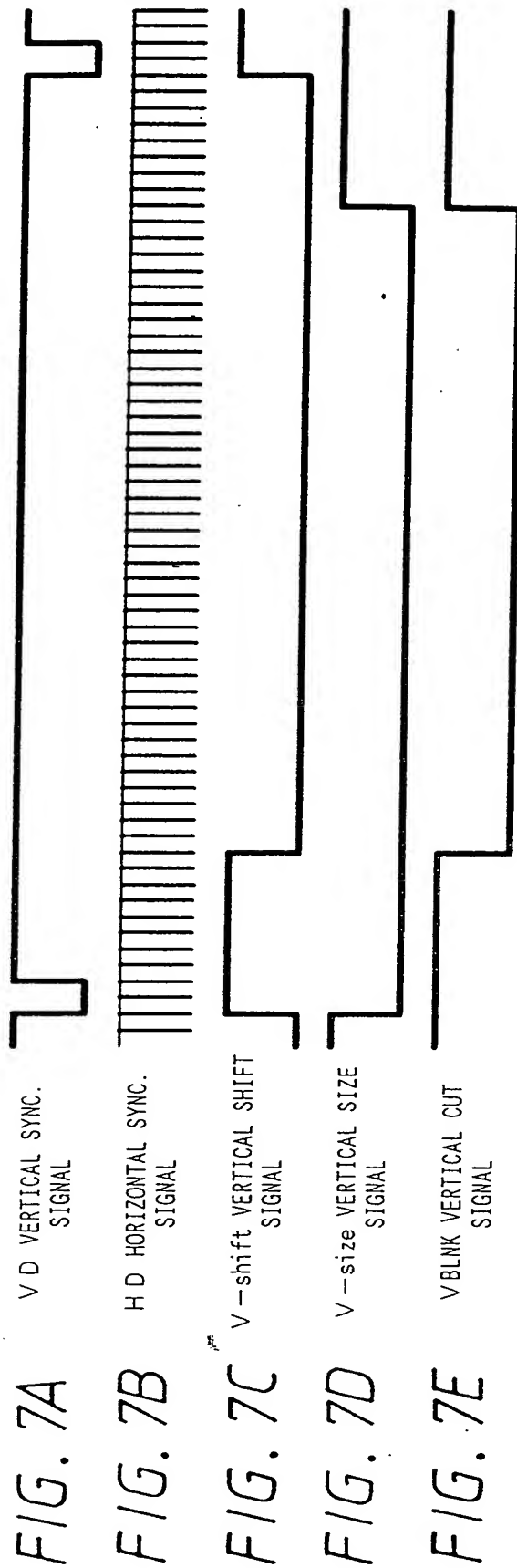
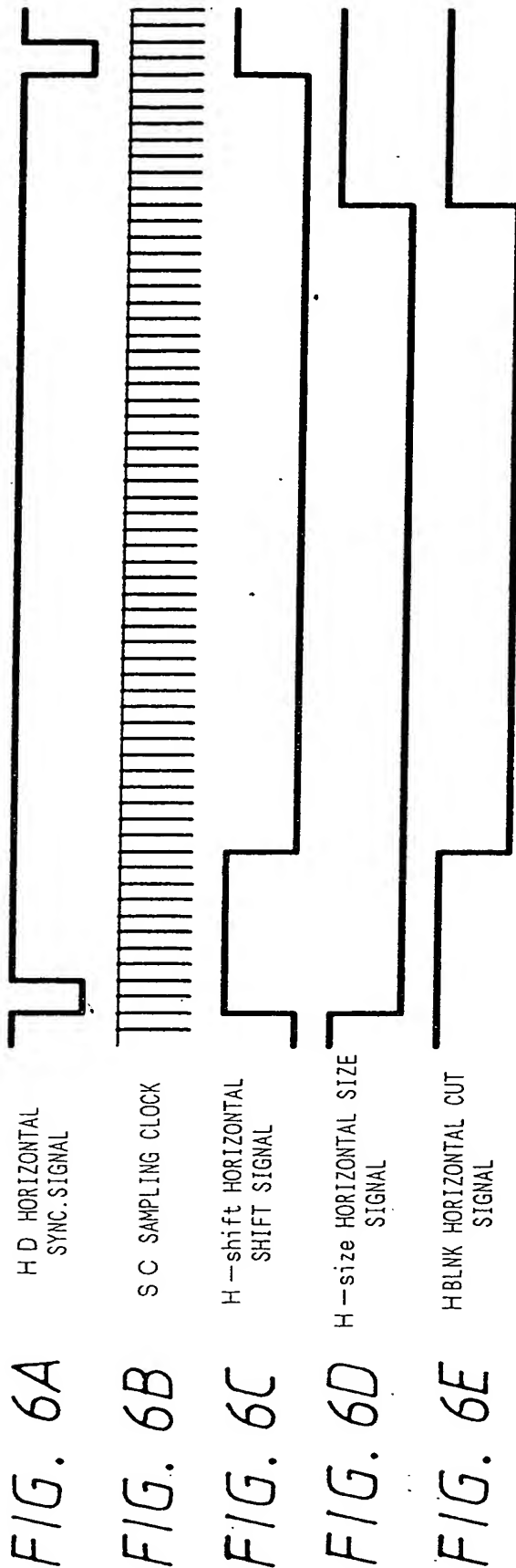
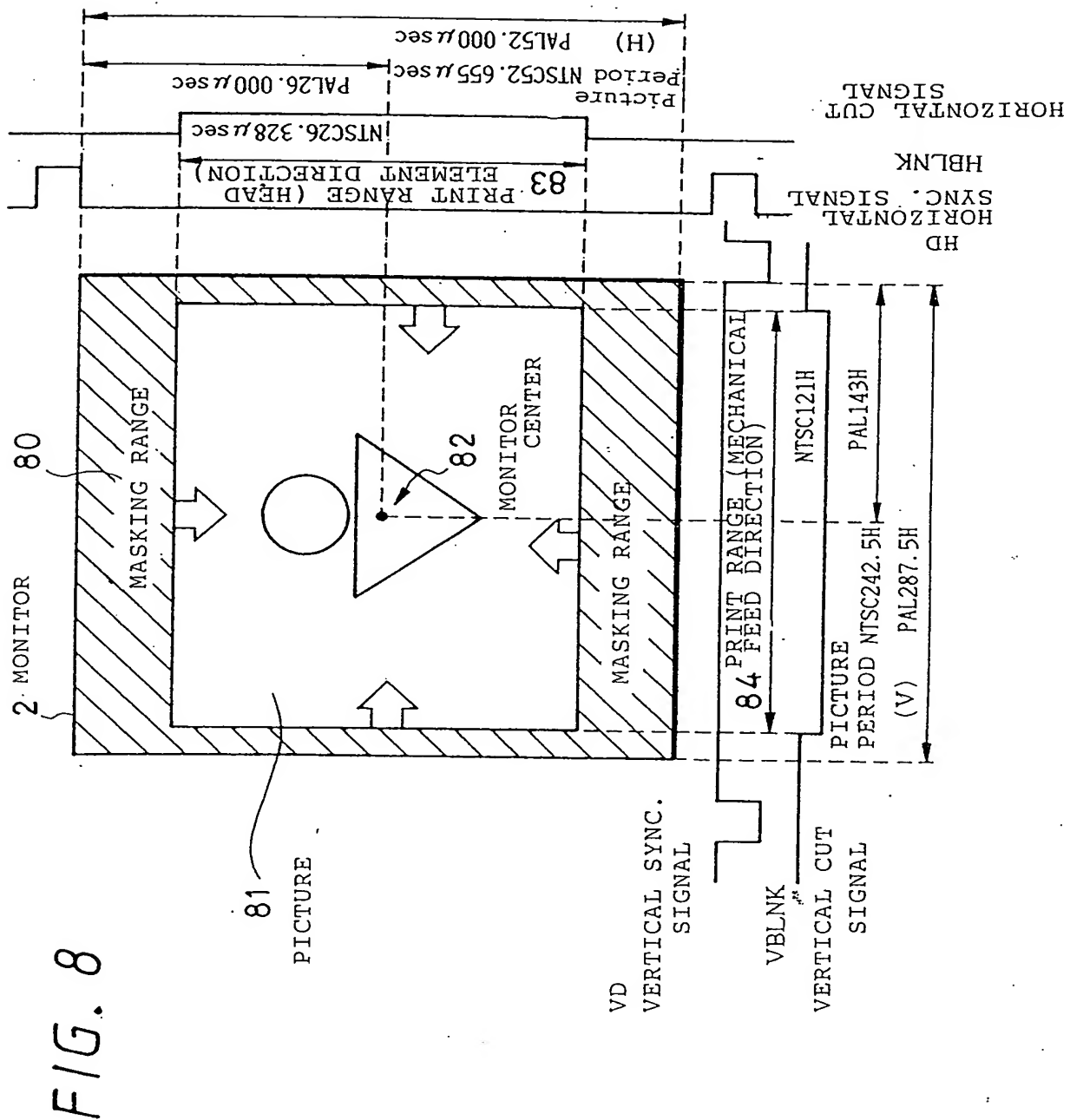


FIG. 5







10086105.022802

FIG. 9

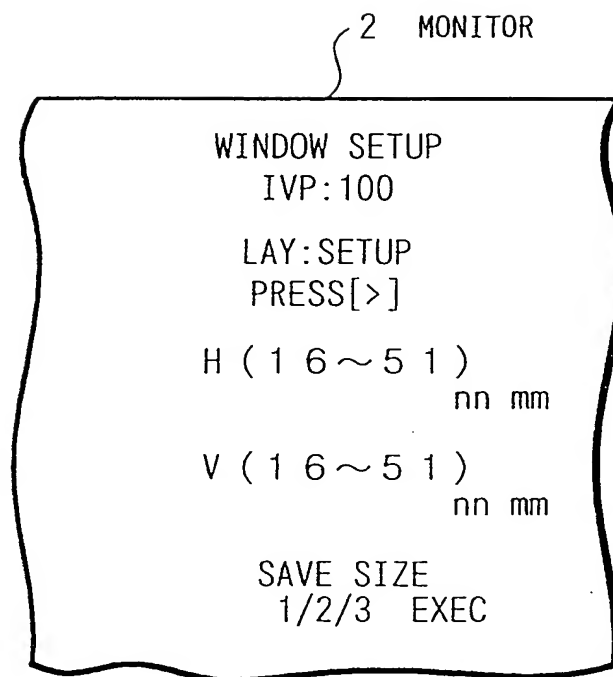


FIG. 10

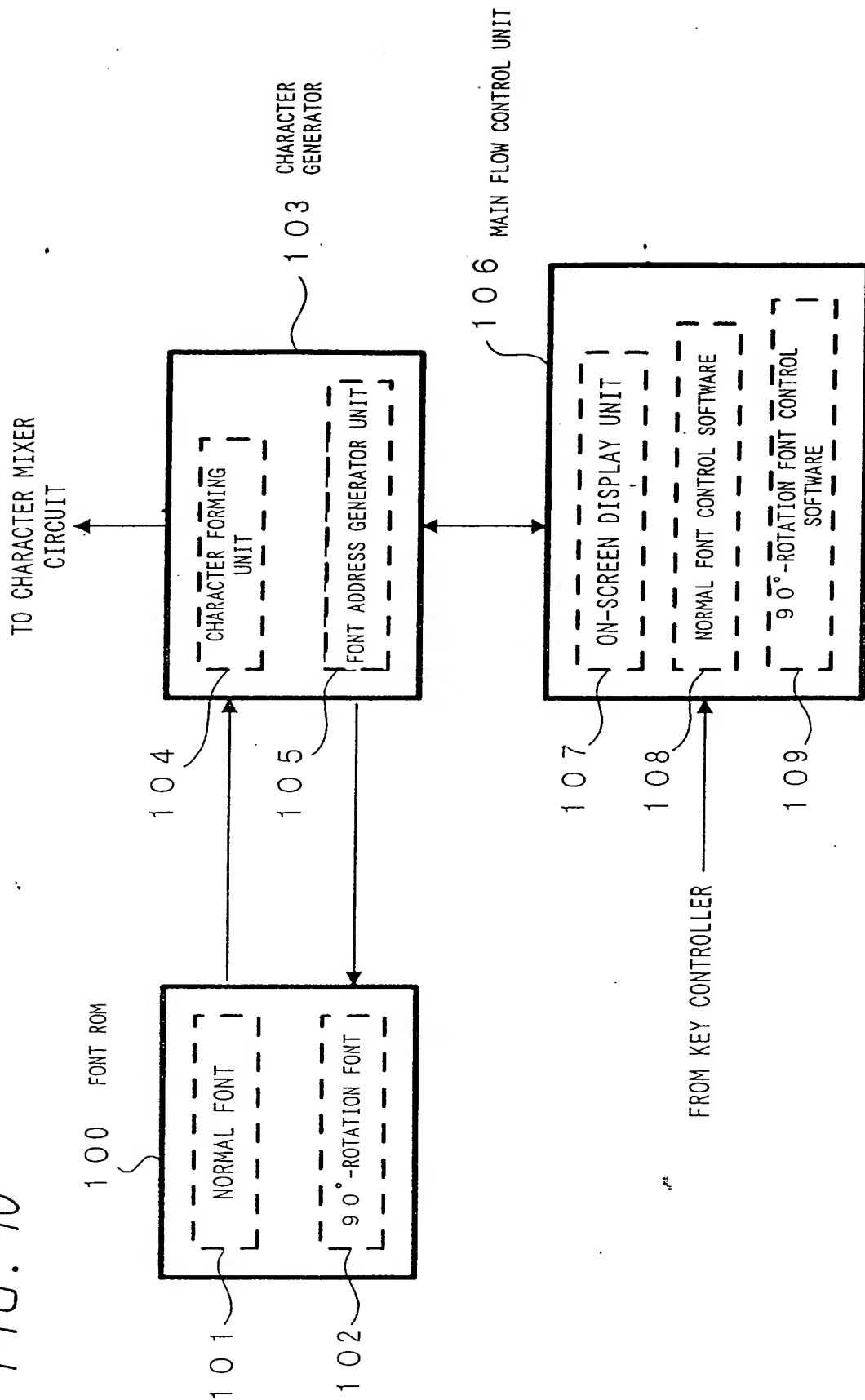




FIG. 11

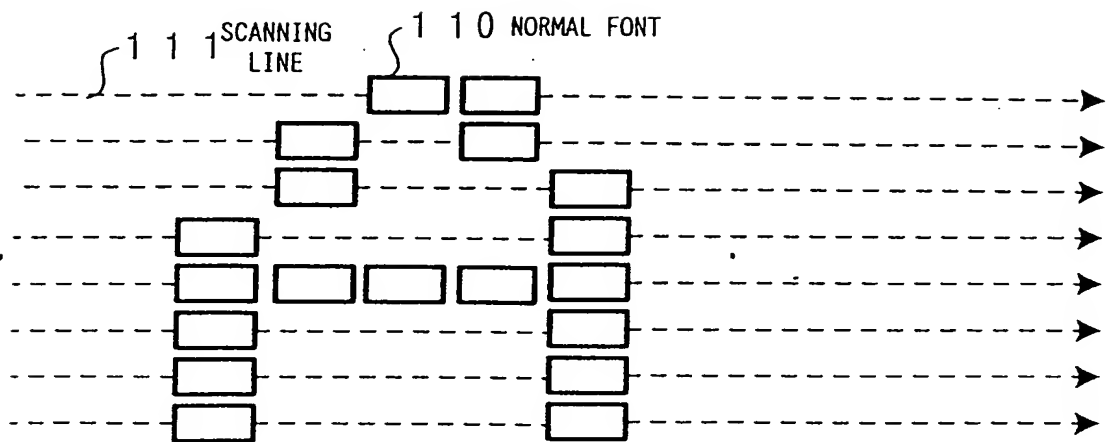
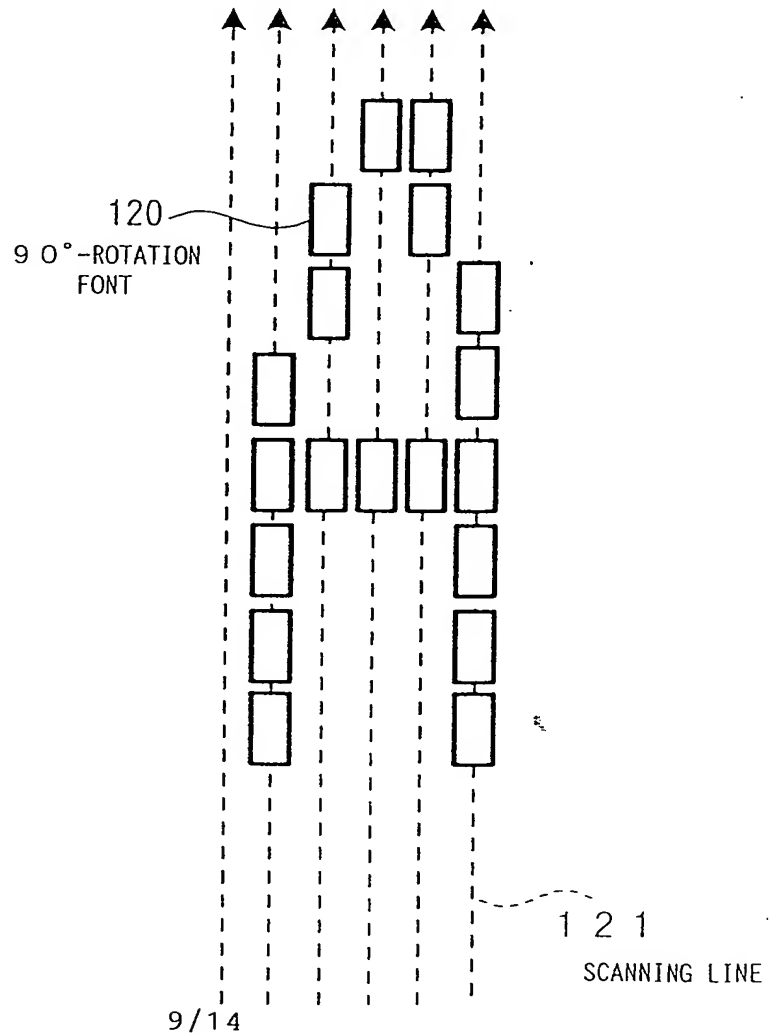


FIG. 12



10086106.022502

FIG. 13A

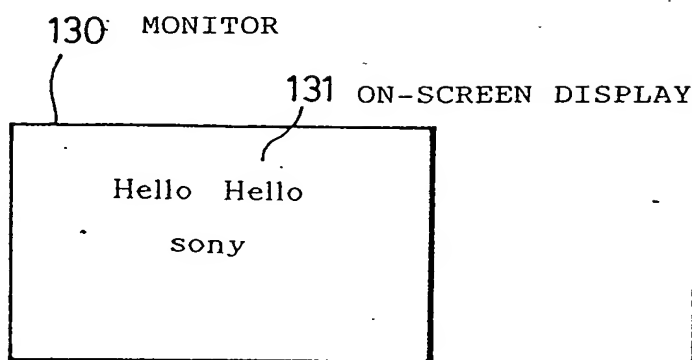


FIG. 13B

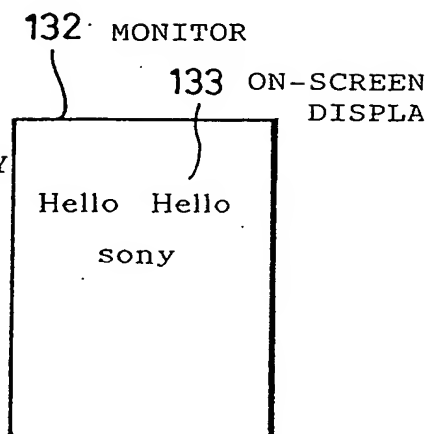


FIG. 14A

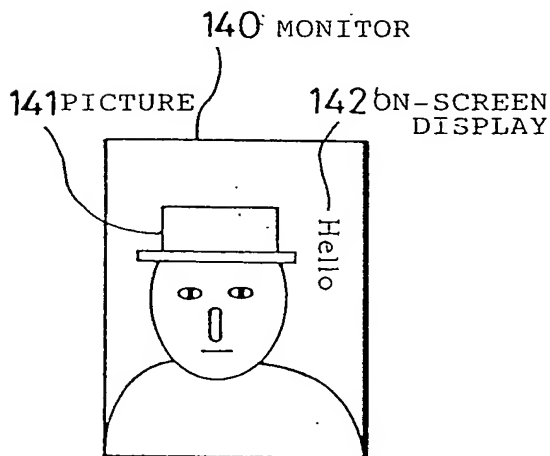
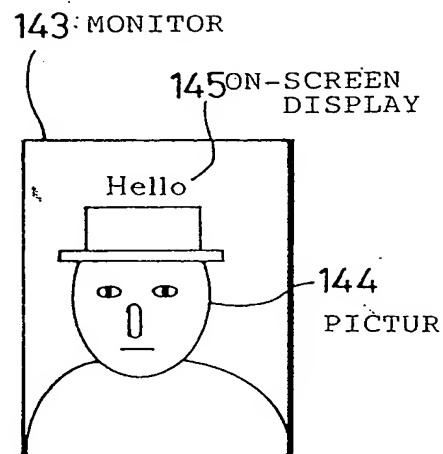


FIG. 14B



## EXPLANATION OF REFERENCE NUMBERS

1	Camera
2	Monitor
3	Monitor
4	Rack
5	Power Supply Switch
6	Key
7	Display Unit
8	Outlet
9	Post
10	Adjuster
11	Cable
12	Cabinet
13	Caster
21	Window
20	Picture
22	Setting Item
30	Zooming Function
31R, 31G, 31B	A/D Converters
32	Memory
33	Memory Controller
34	CPU
35	Memory
36	Monitor Color Pallet
37	D/A Converter
38	Character Mixer Circuit
39	Horizontal and Vertical Cutting Means
40	Window Displaying Means

41	Printer Color Pallet
42	Color Generating Circuit
3	Printer
43	Head Controller
44	Head
45	Mechanical Controller
46	Platen Motor
48	Platen
49	System Controller
50	Interface Circuit
51	Print Size Selecting means
60	Horizontal Cutting Means
61	First Counter
62	First Comparator
63	Second Comparator
64	First Flip Flop
65	Second Flip Flop
66	Invertor
67	First Negative Logic NAND Circuit
68	Third Flip Flop
70	Vertical Cutting Means
71	Second Counter
72	Third Comparator
73	Fourth Comparator
74	Fourth Flip Flop
75	Fifth Flip Flop
76	Invertor
77	Negative Logic NAND Circuit
78	Sixth Flip Flop

79 Second Negative Logic NAND Circuit  
80 Masking Range  
81 Picture  
82 Monitor Center  
83 Print Range (Head Element Direction)  
84 Print Range (Mechanical Feeding Direction)  
100 Font ROM  
101 Normal Font  
102 90°-Rotation Font  
103 Character Generator  
104 Character Generator Unit  
105 Font Address Generator Unit  
106 Main Flow Control Unit  
107 On-Screen Display Control Unit  
108 Normal Font Control Software  
109 90°-Rotation Font Control Software  
110 Normal Font  
111 Scanning Line  
120 90°-Rotation Font  
121 Scanning Line  
130 Monitor  
131 On-Screen Display  
132 Monitor  
133 On-Screen Display  
140 Monitor  
141 Picture  
142 On-Screen Display  
143 Monitor  
144 Picture

145

On-Screen Display

10086106 1022802